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Docket No.: GAS-009

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Thomas LEUCHT et al.

U.S. Patent Application No. 10/538,871

Filed: August 18, 2005

For: INTUMESCENT BODY

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:  
: Confirmation No. 8789  
:  
: Group Art Unit: 1771  
:  
: Examiner: Davis, Jenna

## RESPONSE

September 24, 2007

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is a response to the Office Action of June 29, 2007.

The courtesies extended to Applicant's representative by Supervisory Patent Examiner Morris at the interview held September 20, 2007, are appreciated. The reasons presented at the interview as warranting favorable action are incorporated into the remarks below and constitute Applicants' record of the interview.

**Claims 1-9, 15, and 16 are patentable under 35 U.S.C. §103(a) over U.S. Patent No. 6,248,820 to Nozaki et al. ("Nozaki") in view of U.S. Patent No. 4,774,268 to Marx et al. ("Marx").**

1. The disclosures of Nozaki and Marx, taken as a whole, do not suggest Applicants' claimed intumescent body. Claim 1 recites, *inter alia*, an intumescent body comprising a substantially transparent coating mass applied to a surface of a polymer material wherein the coating mass, together with the polymer material, results in "an intumescent system." Applicants respectfully submit that it is known to one of ordinary skill in the art of architectural engineering that an intumescent material swells and chars when exposed to flame and forms an insulating fire-retardant barrier between the flame and material. At the interview with Examiner Morris,